To: Henley, Cheryl[Henley.Cheryl@epa.gov]; Black, Ned[Black.Ned@epa.gov]; Robberson,

Bill[Robberson.Bill@epa.gov]

**Cc:** Cook, Anna-Marie[Cook.Anna-Marie@epa.gov]; Hiatt, Gerald[Hiatt.Gerald@epa.gov]

From: Frank Roberts

**Sent:** Fri 8/14/2015 10:19:57 PM

**Subject:** RE: GKM sampling location names and river miles?

Bill et al., here are some distances based on your request to Cheryl. Linda generated them from the USGS National Hydrologic Data (NHD):

## San Juan River:

34.8 Miles - Farmington to Shiprock

55.1 Miles - Shiprock to Aneth

10.3 Miles - Aneth to Montezuma Creek

15.8 Miles - Montezuma Creek to Bluff

33.9 Miles - Bluff to Mexican Hat

112.9 Miles - Mexican Hatt to Confluence of the Colorado River

62.5 Miles - Confluence of the Colorado River to Glen Canyon Dam at base of Lake Powell

We have added these rivers to the bottom of the map and they are entitled NHD Rivers.

http://epa.maps.arcgis.com/home/webmap/viewer.html?webmap=1cb57e2eee624006929c3e13fe31b399

Let me know if there is any other info I can provide.

Frank Roberts

Director, Information Technology

Innovate! Inc.

Phone: (208) 699-2712

Innovate!, Inc. is a Virginia-based 8(a), Hispanic- and woman-owned business delivering Geospatial, Information Technology, Security, Business Consulting, Project Management and Executive Coaching solutions to our government and private sector clients. Check us out at <a href="https://www.innovateteam.com">www.innovateteam.com</a>.

From: Henley, Cheryl [mailto: Henley. Cheryl @epa.gov]

**Sent:** Friday, August 14, 2015 3:15 PM

To: Black, Ned; Robberson, Bill

Cc: Cook, Anna-Marie; Hiatt, Gerald; FRoberts

Subject: RE: GKM sampling location names and river miles?

I've attached a map. Not sure you got this already. Here is the copy of the map with the river miles between sampling sites created by Ian Bruce at Weston.

Frank will follow up with river miles between various locations on the river. I'm out of the office next week. Frank will continue look for new data services to put in the map below. Frank can be reached for support if needed at 208-699-2712 or <a href="mailto:froberts@innovateteam.com">froberts@innovateteam.com</a>. Please cc me and Stacy Takeda.

Here is the link to the map in the Geoplatform: <a href="http://epa.maps.arcgis.com/home/webmap/viewer.html?webmap=1cb57e2eee624006929c3e13fe31b399">http://epa.maps.arcgis.com/home/webmap/viewer.html?webmap=1cb57e2eee624006929c3e13fe31b399</a> (you all need access – except Bill– see below)

Ned, Anna, and Gerry – when and if you have a spare minute, please get access to the Geoplatform with single sign-on – instructions below. Ned and Anna – your accounts are old. Please do this to update your accounts.

Please log in to the EPA Geoplatform:

1. Go to: https://epa.maps.arcgis.com/home/signin.html

2. Select this option and sign in with your LAN ID and password:



3. Once you've successfully logged in, reply to this email so I can add you to the Gold King group for access to the maps.

Thanks,

Cheryl

Cheryl Henley

**GIS** Coordinator

EPA Region 9 GIS/Technology Center

75 Hawthorne Street (MTS-6-1)

San Francisco, CA 94105

Ph: 415-972-3586

Henley.cheryl@epa.gov

From: Black, Ned

Sent: Friday, August 14, 2015 11:01 AM

To: Robberson, Bill

Cc: Henley, Cheryl; Cook, Anna-Marie; Hiatt, Gerald

Subject: RE: GKM sampling location names and river miles?

Great! Gerry and I need it now. Neither of us is in the office.

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

From: Robberson, Bill

Sent: Friday, August 14, 2015 10:57 AM

To: Black, Ned Cc: Henley, Cheryl

Subject: Re: GKM sampling location names and river miles?

Created all of that on Wednesday! Anna-marie also has it!

CDR William Robberson, P.E.

Regional Response Teams

EPA Region 9 San Francisco, CA (415) 972-3072 Sent from my iPhone On Aug 14, 2015, at 10:49 AM, Black, Ned < Black. Ned@epa.gov > wrote: Bill or Cheryl, Any help appreciated. ned black, ph.d. us epa r9 regional cercla ecologist 415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

From: Black, Ned

**Sent:** Friday, August 14, 2015 10:38 AM **To:** Hiatt, Gerald; Nattis, Randy; Moxley, Bret

**Subject:** RE: GKM - R09 - Prelim Surface Water (8/10 and 8/11)

Adding insult, senior management here would like to know the place names and river miles of the sample locations. I can guess at some but not all of the place names. River miles can be 0 at Gold King or 0 at SJLP. Let me know if this isn't easy to supply; I'll see if Cheryl Henley has any ideas.

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

From: Hiatt, Gerald

**Sent:** Friday, August 14, 2015 10:35 AM **To:** Black, Ned; Nattis, Randy; Moxley, Bret

Subject: Re: GKM - R09 - Prelim Surface Water (8/10 and 8/11)

I don't know how data gets into the spreadsheet so this request may be inconvenient (if so ignore), but it would be nice to have the data columns arranged left to right - upstream (SJLP) to downstream (SJMH or even SJPF). If too much trouble I can just move columns around on my version...

Gerald F.S. Hiatt, Ph.D. Senior Regional Toxicologist U.S. EPA, Region 9 415-972-3064 hiatt.gerald@epa.gov

Please be advised I have only limited ability to use email when not in the office (e.g., on travel) so please be patient with any delays in communication

From: Black, Ned

**Sent:** Friday, August 14, 2015 10:15 AM **To:** Nattis, Randy; Hiatt, Gerald; Moxley, Bret

Subject: RE: GKM - R09 - Prelim Surface Water (8/10 and 8/11)

Yes, thanks very much for sending this on. I don't see any samples from SJPF. Did/will it get sampled?
Cheers,
Ned
ned black, ph.d.
us epa r9
regional cercla ecologist
415-972-3055
Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.
From: Nattis, Randy Sent: Thursday, August 13, 2015 10:51 PM To: Black, Ned; Hiatt, Gerald; Moxley, Bret Subject: Fwd: GKM - R09 - Prelim Surface Water (8/10 and 8/11)
Early look.
Still needs validation.
Randy B. Nattis Federal On Scene Coordinator U.S. EPA Region IX <a href="mailto:nattis.randy@epa.gov">nattis.randy@epa.gov</a> Phone - (415) 940-1108 - Cell

## Begin forwarded message:

**Resent-From:** <Nattis.Randy@epa.gov>

From: "Bruce, Ian" < Ian.Bruce@WestonSolutions.com>

**Date:** August 13, 2015 at 8:36:54 PM MDT **To:** "Nattis, Randy" < Nattis.Randy@epa.gov>

Cc: "Latham (Polinko), Janine" < Janine. Latham @Weston Solutions.com>, "Walzer,

Thomas" < T.A. Walzer@WestonSolutions.com>

Subject: GKM - R09 - Prelim Surface Water (8/10 and 8/11)

Hi Randy!

Here's a preliminary dataset for surface water samples collected August 10<sup>th</sup> and August 11<sup>th</sup>.

We've got the validated data on its way.

## Ian Bruce

IT Project Manager / GIS Developer

Weston Solutions, Inc.

1340 Treat Blvd, Suite 210

Walnut Creek, CA 94597

(925) 948-2633 [office]

(509) 845-5547 [mobile]

ian.bruce@westonsolutions.com

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